U.S. Department of Veterans Affairs

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Statement of Work

EQUIPMENT DESCRIPTION AND GENERAL REQUIREMENTS **must meet or exceed these requirements (to ensure compatibility, patient safety, serviceability, upgradability)**	**Vendor**
System must possess 510K certification and produced by a manufacturer with ISO 13485 certification.	
Company must be same vendor that provided integration/lights/booms - For consistency, training, servicing, and familiarity	
One Company Must Provide, Install, and Service the Following Equipment:	
OPERATING ROOMS: 1-5	
SURGICAL LIGHTING REQUIREMENTS	
Capable of complete platform integration that meet the requirement of a unified solution to provide full optimization of product features and functionality.	
Ceiling mounted	
Provides cool light emission	
Provides a LUX (luminous flux density) rating of 160,000 - maximum allowed under the FDA regulations	
Provides an adjustable field diameter that ranges from 7” to 12”	
Provides a depth of field that measures 46” or greater	
Provides Precision Beam Technology utilizing a centrally located reflector cone to emit a homogenous column of 650 overlapping beams of light.	
Provides four (4) individual color temperature settings ranging from 3600K - 5000K	
Provides a minimum of three (3) cardanic styles including low ceiling height articulation capability	
Includes HD In-Light Camera Ready capability allowing the addition of an Wireless HD In-Light Camera at any time in the future	
Utilizes universal suspension arms which allow for light head upgrades in the future without requiring the suspensions to be replaced	
Utilizes Light Emitting Diodes with a bulb life of at least 40,000 hours	
Possesses UL certification and FDA approval	
Capable of providing an ambient endoscopic light in Green or White color integrated into the down tube of the surgical light suspension. The color of the Endoscopic light must be capable of being changed in the field to accommodate clinician preference	
Capable of utilizing a touch screen intuitive back-lit control panel to operate the lights	
SURGICAL BOOM REQUIREMENTS	
Capable of complete platform integration that meet the requirement of a unified solution to provide full optimization of product features and functionality.	
Ceiling mounted	
Utilizes a fully electric braking system eliminating need for equipment air supply to the boom for purposes of re-filling a brake controlling air bladder	
Provides future proofing technology which allows for the movement or addition of services in the field after the product is installed	
Includes Combination Ready Technology allowing additional products such as surgical lights, flat panel display arms, cameras, or lead shields to be mounted from the same down tube as the boom while swinging independently and free of collision of all other combined horizontal suspension arms	
Provides vertical articulation powered by a motor connected to (1)120v Emergency Circuit	
Includes an Emergency Stop Safety Button on the boom to disconnect power to the motor housing if needed	
Utilizes an energy efficient braking system which only draws power to release the brake and does not draw power while the braking mechanism is engaged and holding the service module in one place	
Includes device platforms that can be adjusted in both width and depth to conform to the size of various shelf mounted medical devices	